

VERSION SHOWING AMENDMENTS TO THE CLAIMS

This listing replaces all prior listings of the claims.

In the Claims:

Amend the claims as follows:

1 (Currently amended) In an electronic organic component, the combination comprising:

a substrate ~~and/or underlayer~~ of the electronic organic component; and
an organic semiconductor functional layer coated on the substrate ~~or~~
underlayer;
wherein said substrate ~~or underlayer~~ comprises a biaxially stretched (well-
ordered) plastic film such that the orderliness of the plastic film forms the applied
functional layer into a well-ordered layer to thereby increase the charge carrier mobility
of the coated organic functional layer.

2 (Currently amended) In the electronic organic component ~~A substrate~~ as defined in
claim 1, wherein the plastic film is at least partially crystalline .

Claim 3, canceled

4 (Currently amended). In the electronic organic component ~~A substrate~~ as defined in
any one of claims 1 or and 2, wherein the plastic film is selected from any one of the

group consisting of isotactic polypropylene, polyamide, polyethylene, or polyethylene terephthalate.

5 (Currently amended) A method of increasing the charge carrier mobility of a semiconducting layer of organic material, wherein the semiconducting layer is formed on and contiguous with an underlayer comprising an oriented, biaxially stretched (well-ordered) plastic film.

6 (Currently amended) In the electronic organic component The component of any one of claims 1 or and 2 wherein the component further comprises an organic field effect transistor (OFET) comprising the substrate ~~or underlayer~~ and the semiconductor layer coated on the substrate ~~or underlayer~~.

7 (Currently amended). An organic field effect transistor (OFET) comprising:
a substrate ~~or an underlayer~~ which comprises a biaxially stretched (well-ordered plastic film); and
above and on that substrate contiguous therewith ~~or underlayer~~ is a semiconducting layer of organic material, the semiconductor layer exhibiting a charge carrier mobility of $\mu > 10^{-3} \text{ cm}^2/\text{Vs}$.

Claim 8, canceled.

9 (Currently amended) An organic field effect transistor (OFET) comprising a ~~an~~
substrate underlayer and a semiconducting layer on and contiguous with the substrate
underlayer according to claim 4 .